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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO
09/743,876	02/05/2001	Hans-Georg Schwarz	Mo-6110/LeA 33,159	9065
157	7590 04/04/2003			
2	LYMERS LLC		EXAMI	NER
100 BAYER PITTSBURG	ROAD eH, PA 15205		SHAMEEM, GOLAM M	
			ART UNIT	PAPER NUMBER
			1626	/
			DATE MAILED: 04/04/2003	()

Please find below and/or attached an Office communication concerning this application or proceeding.

		Application No.	Applicant(s)			
Office Action Summary		09/743,876	SCHWARZ ET AL.			
		Examiner	Art Unit			
		Golam M M Shameem	1626			
Period fo	The MAILING DATE of this communication r Reply	n appears on the cover sheet with	the correspondence address			
THE N - Exter after - If the - If till - Failur - Anyr	ORTENED STATUTORY PERIOD FOR RIMALING DATE OF THIS COMMUNICATION of time may be available under the provisions of 37 Cf SIX (6) MONTHS from the mailing date of this communication period for reply specified above is less than thirty (30) days, period for reply is specified above, the maximum statutors of the to reply within the set or extended period for reply will, by septy received by the Office later than three months after the indipatent term adjustment. See 37 CFR 1.704(b)	ON. FR 1 136(a) In no event, however, may a repon. a reply within the statutory minimum of thirty (period will apply and will expire SIX (6) MONTH statute, cause the application to become ABAI	ly be timely filed 30) days will be considered timely 4S from the mailing date of this communication NDONED (35 U.S.C. § 133)			
1) <u>-</u>	Responsive to communication(s) filed on	.05 February 2003				
2a)[]	<u> </u>	This action is non-final.				
/	,—		ore, proceedation as to the marite is			
3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under <i>Ex parte Quayle</i> , 1935 C.D. 11, 453 O.G. 213.						
Dispositi	on of Claims					
4)	Claim(s) <u>1-20</u> is/are pending in the applic	cation.				
4a) Of the above claim(s) is/are withdrawn from consideration.						
5)	Claim(s) is/are allowed.					
6)	Claim(s) is/are rejected.					
7)	Claim(s) is/are objected to.					
8)⊡	Claim(s) 1-20 are subject to restriction and	d/or election requirement.				
Applicati	on Papers					
, —	The specification is objected to by the Exa					
10)	The drawing(s) filed on is/are: a)	accepted or b) objected to by the	e Examiner.			
	Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).					
11) The proposed drawing correction filed on is: a) approved b) disapproved by the Examiner.						
If approved, corrected drawings are required in reply to this Office action.						
12) The oath or declaration is objected to by the Examiner.						
-	ınder 35 U.S.C. §§ 119 and 120					
13) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).						
a)	☐ All b)☐ Some * c)☐ None of:					
	1 Certified copies of the priority documents have been received.					
	2 Certified copies of the priority documents have been received in Application No					
* (3 Copies of the certified copies of the application from the Internation See the attached detailed Office action for	al Bureau (PCT Rule 17.2(a)).				
14) []	Acknowledgment is made of a claim for do	mestic priority under 35 U.S.C. §	119(e) (to a provisional application).			
	The translation of the foreign language Acknowledgment is made of a claim for do					
Attachmen	· ·	. ,				
2) Notice	ce of References Cited (PTO-892) be of Draftsperson's Patent Drawing Review (PTO-94 mation Disclosure Statement(s) (PTO-1449) Paper N	18) 5) Notice of In	ummary (PTO-413) Paper No(s) formal Patent Application (PTO-152)			

Application Control Number: 09/743,876

Art Unit: 1626

DETAILED ACTION

Claims 1-20, are pending in this application.

Election/Restrictions

Restriction is required under 35 U.S.C. 121 and 372.

Lack of Unity Requirement

This application contains the following inventions or groups of inventions, which are not so linked as to form a single general inventive concept under PCT Rule 13.1.

Due to the numerous variables in the claims, e.g. R^1 , R^2 , R^3 , R^4 , A, m, n and Z etc. (and the provisos) and their widely divergent meanings, a precise listing of inventive groups cannot be made. The following groups are exemplary:

Group I claim(s) 1, 7 and 11-15 drawn to a compound of the formula (1) wherein, all variables such as R^1 , R^2 , R^3 , R^4 , A, m, n are as defined and Z is non-heterocyclic group, classified in class 558 with plethora of subclasses.

Group II claim(s) 1-3, 7 and 11-15 drawn to a compound of the formula (1) wherein, all variables such as R¹, R², R³, R⁴, A, m, n are as defined and Z is 4-membered heterocyclic grouping, classified in class 548 with plethora of subclasses.

Group III claim(s) 1-3, 7 and 11-15 drawn to a compound of the formula (1) wherein, all variables such as R¹, R², R³, R⁴, A, m, n are as defined and Z is 5-membered heterocyclic grouping (nitrogen atom containing), classified in class 548 with plethora of subclasses.

Group IV claim(s) 1-3, 7 and 11-15 drawn to a compound of the formula (1) wherein, all variables such as R^1 , R^2 , R^3 , R^4 , A, m, n are as defined and Z is 5-membered heterocyclic

Application Control Number: 09/743,876

Art Unit: 1626

grouping (nitrogen, oxygen or sulphur atom containing), classified in class 548 with plethora of subclasses.

Group V claim(s) 1-3, 7 and 11-15 drawn to a compound of the formula (1) wherein, all variables such as R¹, R², R³, R⁴, A, m, n are as defined and Z is 6-membered heterocyclic grouping (one nitrogen atom containing), classified in class 546 with plethora of subclasses.

Group VI claim(s) 1-3, 7 and 11-15 drawn to a compound of the formula (1) wherein, all variables such as R¹, R², R³, R⁴, A, m, n are as defined and Z is 6-membered heterocyclic grouping (two or more nitrogen atom containing), classified in class 544 with plethora of subclasses.

Group VII claims 1-3, 7 and 11-15 drawn to a compound of the formula (1) wherein, all variables such as R¹, R², R³, R⁴, A, m, n are as defined and Z is 6-membered heterocyclic grouping (two or more hetero atoms such as nitrogen, oxygen or sulphur atom containing), classified in class 544 with plethora of subclasses.

Group VIII claims 1-3, 7 and 11-15 drawn to a compound of the formula (1) wherein, all variables such as R¹, R², R³, R⁴, A, m, n are as defined and Z is 7-membered heterocyclic grouping, classified in class 540 with plethora of subclasses.

Group IX claims 4-6 drawn to a compound of the formula wherein, all variables are as claimed, classified in class 548 with several subclasses.

Group X claims 8 and 16-17, drawn to a process for preparing a compound of the formula classified in class 548 or 558 with several subclasses.

Group XI claim 9 and 20 drawn to a compound of formula (III) classified in class 548 or 558 with several subclasses.

Application/Control Number: 09/743,876

Art Unit: 1626

Group XII claim 10, drawn to a method of controlling undesirable plants classified in class 540 with several subclasses.

Group XIII claim 18, drawn to a process for preparing a compound of the formula (II) classified in class 548 or 558 with several subclasses.

Group XIV claim 19, drawn to a process for preparing a compound of the formula (III) classified in class 548 or 558 with several subclasses.

In accordance with 37 CFR 1.499, applicant is required, in reply to this action, to elect a single invention to which the claims must be restricted. Again, this list is not exhausted, as it would be impossible under the time constraints due to the sheer volume of subject matter instantly claimed. Therefore, applicant may choose to elect a single invention by identifying another specific embodiment not listed in the exemplary groups of the invention and examiner will endeavor to group the same. If applicant wishes to elect subject matter other than that identified in the above groups, applicant may elect a species and examiner will attempt to group it. The claims herein lack unity of invention under PCT Rule 13.1 and 13.2 since the compounds defined in the claims lack a significant structural element qualifying as the special technical feature that defines a contribution over the prior art. The compounds claimed contain a substituted or unsubstituted heterocyclic group, which is attached to core phenyl ring that does not define a contribution over the prior art. The substituents on the phenyl ring (such as Z) vary extensively and when taken as a whole result in vastly different compounds. Accordingly, unity of invention is considered to be lacking and restriction of the invention in accordance with the rules of unity of invention is considered to be proper. Additionally, the vastness of the claimed subject matter, the numerous provisos found in the claims, and the complications in Application Control Number: 09/743,876

Art Unit: 1626

understanding the claimed subject matter imposes a burden on any examination of the claimed

subject matter.

Conclusion

Any inquiry concerning this communication or earlier communications from the

examiner should be directed to Golam Shameem, Ph.D. whose telephone number is 703-305-

0116. The examiner can normally be reached on 6:30 AM to 5:00 PM Monday to Thursday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's

supervisor, Joseph McKane can be reached on 703-308-4537. The fax phone numbers for the

organization where this application or proceeding is assigned are 703-308-7921 for regular

communications and 703-308-7921 for after final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding

should be directed to the receptionist whose telephone number is 703-308-1235.

A facsimile center has been established. The hours of operation are Monday through

8:45AM to 4:45PM. The telecopier numbers for accessing the facsimile machine are

(703) 308-4242, (703) 305-3592, and (703) 305-3014.

Golam M M Shameem, Ph.D.

Patent Examiner

Art Unit 1626, Group 1620

Technology Center 1

April 3, 2003

Joseph K McKane

Supervisory Patent Examiner

Page 5

Art Unit 1626, Group 1620

Technology Center 1